

MINK CREEK

CORRECTION

Water body name: Mink Creek

Survey date: 7/20/2012

Water body number: 115-34-10210

Species & Lifestage: Coho salmon rearing

Watershed: Chilkoot Inlet – Frontal Lynn Canal

MTR: Sections 29, 30 CRM, 31 S 60 E

Quad: Skagway A-1

Findings: We found rearing coho salmon up to a perched culvert that passes below Mud Bay Road (Figure 1, Table 1). Potential rearing habitat continues for at least a quarter mile upstream of the crossing. We ended our survey at private property signs and will request permission from land owner to continue surveying while in Haines conducting work. We also encountered an old culvert under an abandoned, overgrown road downstream. The culvert had some debris accumulating at the inlet but was not blocking fish passage (Figure 2). We captured Dolly Varden char, cutthroat trout, and rainbow trout upstream of the perched culvert (Figure 3).

Recommendations: We recommend updating the stream arc in the AWC (Figure 4).

Table 1.–Survey results from July 20, 2012 (Page 1 of 2).

WPT	Lat	Long	Notes	Sample Effort	Sample Result
221	59.1586	-135.3574	Tributary enters river right, beginning tracking and electrofishing.		
222	59.1583	-135.3587	Handnetted one coho ~ 65mm. interesting coloration.	Handnet	1 CO – 65 mm
223	59.1575	-135.3586	Electrofished two coho ~ 90mm. Electrofisher settings: 150v, 12% duty cycle and 30Hz.	Electrofisher	2 CO – 90 mm
224	59.1571	-135.3586	Captured two Dolly Varden char (35–120 mm) and three cutthroat trout (40–170 mm). Old culvert spans an overgrown road. Figure 6.	Electrofisher	2 DV – 35-120 mm, 3 CT – 40-170 mm
225	59.1568	-135.3583	One coho ~ 110 mm, 3 cutthroat between 40-80 mm, 2 Dolly Varden between 40-45 mm.	Electrofisher	1 CO – 110 mm, 3 CT – 40-80 mm, 2 DV – 40-45 mm
226	59.1565	-135.3583	3 cutthroat between 50-120 mm, 2 Dolly Varden between 40-110 mm, numerous sculpin and adjusted volts to 325 V.	Electrofisher	3 CT – 50-120 mm, 2 DV – 40-110 mm, sculpin
227	59.1565	-135.3585	2 Coho between 65-85 mm and one cutthroat ~ 100mm.	Electrofisher	2 CO – 65-85 mm, 1 CT – 100 mm
228	59.1566	-135.3590	Electrofished and got two Coho between 75-85mm and one Dolly Varden about 45 mm and one cutthroat about 65 mm.	Electrofisher	2 CO – 75-85 mm, 1 DV – 45 mm, 1 CT – 65 mm
229	59.1568	-135.3593	3 Coho ~ 65-80 mm and one cutthroat ~ 60 mm.	Electrofisher	3 CO – 65-80 mm, 1 CT – 60 mm
230	59.1566	-135.3600	3 coho between 30-105 mm, one Dolly Varden ~ 40 mm, some sculpin.	Electrofisher	3 CO – 30-105 mm, 1 DV – 40 mm

Table 1.–Survey results from July 20, 2012 (Page 2 of 2).

WPT	Lat	Long	Notes	Sample Effort	Sample Result
231	59.1564	-135.3598	4 cutthroat between 75-150 mm at plunge pool of Mud Bay road culvert. Perched culvert about 6-8" perch. Figures 1, 2	Electrofisher	4 CT – 75-150 mm,
232	59.1562	-135.3596	Upstream side of culvert, some woody debris present.		
233	59.1563	-135.3599	5 Dolly Varden between 35-80 mm, one cutthroat about 45mm.	Electrofisher	5 DV – 35-80 mm, 1 CT – 45 mm
234	59.1563	-135.3599	Two cutthroat between 105-110 mm, one Dolly Varden ~ 40mm and continuing upstream.	Electrofisher	2 CT – 105-110 mm, 1 DV – 40 mm
235	59.1562	-135.3604	3 cutthroat between 95-110 mm and one Dolly Varden about 40 mm.	Electrofisher	3 CT – 95-110 mm, 1 DV – 40 mm
236	59.1561	-135.3605	Small tributary enters on river right. Begin fishing and tracking up.		
237	59.1559	-135.3605	Becomes forest with small stagnant channel. Very marginal fish habitat. Returning to main stem.		
238	59.1561	-135.3610	Electrofished nine Dolly Varden between 30-110 mm and three cutthroat between 45-100 mm.	Electrofisher	9 DV – 30-110 mm, 3 CT – 45-100 mm
239	59.1559	-135.3613	4 cutthroat between 45-100 mm, 1 rainbow trout 100 mm, five Dolly Varden between 40-75 mm. Habitat remains excellent with some potential spawning gravels and deep pools.	Electrofisher	4 CT – 45-100 mm, 1 RB – 100 mm, 5 DV – 40-75 mm
240	59.1557	-135.3616	3 Dolly Varden about 45-65 mm and one cutthroat 80 mm.	Electrofisher	3 DV – 45-65 mm, 1 CT – 80 mm
241	59.1557	-135.3623	4 Dolly Varden between 40-80 mm and one cutthroat about 75 mm.	Electrofisher	4 DV – 40-80 mm, 1 CT – 75 mm
242	59.1556	-135.3628	4 cutthroat between 45-75 mm.	Electrofisher	4 CT – 45-75 mm
243	59.1554	-135.3635	Small, steep tributary enters on river left. 4 cutthroat between 50-80 mm.	Electrofisher	4 CT – 50-80 mm
244	59.1547	-135.3639	Ending survey, channel begins to steepen slightly, habitat continues upstream.		



Figure 1.—Rick Hoffman stands in front of perched culvert below Mud Bay Road (7-20-2012).



Figure 2.—Culvert under overgrown road (7-20-2012).



Figure 3.—Rainbow trout captured above perched culvert (7-20-2012).

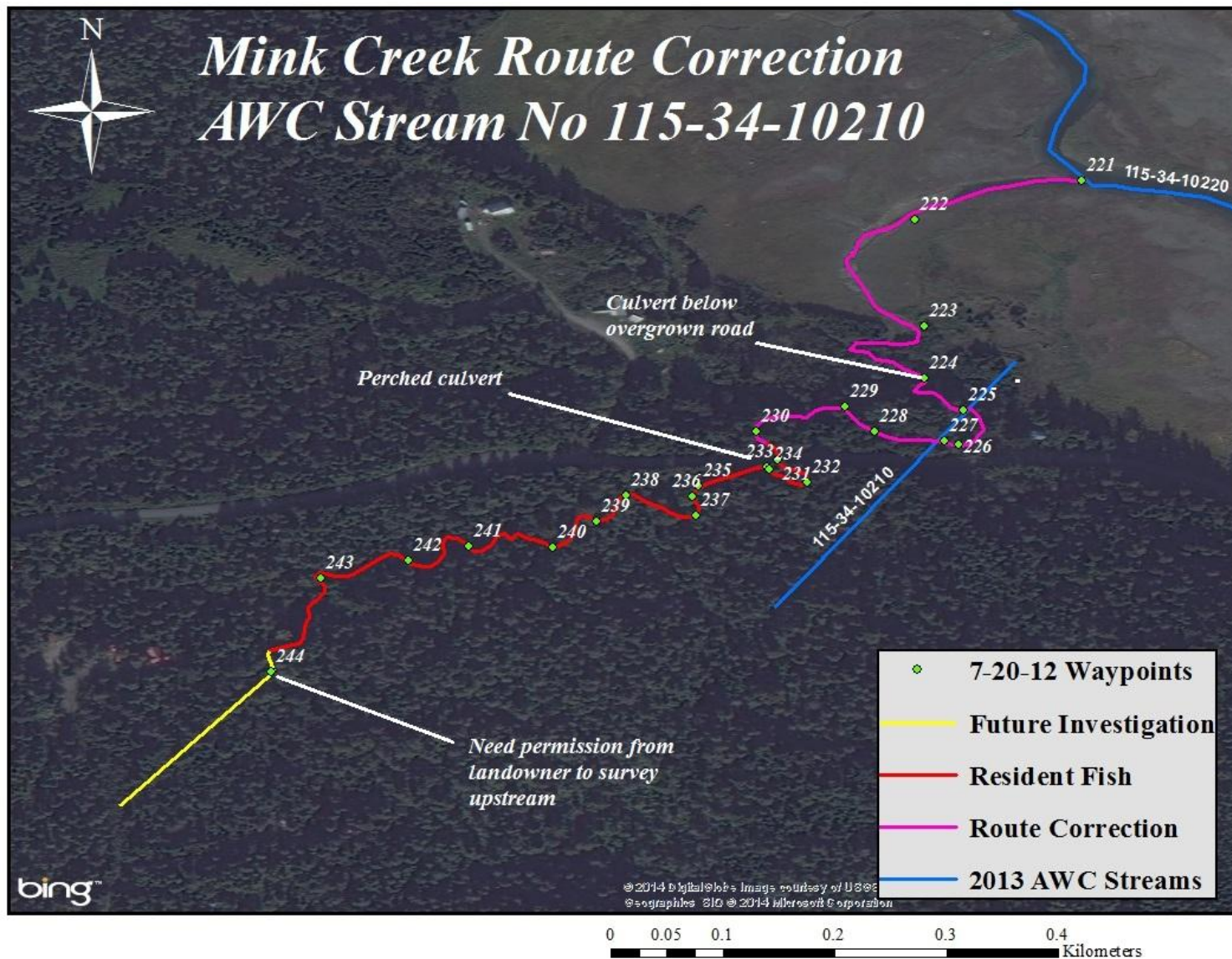


Figure 4.—Area map of Mink Creek with waypoints labeled.

